EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	multiplierless and (IIR or recursive) and (ROM) and (shift near3 register) and adder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 18:34
S2	121	IIR and (genetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 17:37
S3	9	S2 and (power near4 ("2" or two))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 17:37
S4	3	multiplierless and filter and genetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 17:40
S5	115	multiplierless and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:22
S6	53	S5 and ROM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 17:40
S7	34	S6 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:27
S8	1	multiplierless and (first near2 shift near2 register) and (second near2 shift near2 register)and (barrel near3 shift$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:22

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S9	957	(adder near3 trees) and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:22
S10	671	S9 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:22
S11	4	S10 and multiplierless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:28
S12	1	(US-4862402-$).did.	USPAT	OR	ON	2006/12/09 19:26
S13	2392	("32" near3 shifters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:30
S14	1973	S13 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:31
S15	0	S14 and multiplierless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:28
S16	28	S14 and (IIR or recursive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:32
S17	4	("32 barrel shifters")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:31

S18	205	(plurality with (barrel adj2 shifters))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:31
S19	159	S18 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:39
S20	5	S19 and (IIR or recursive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:32
S21	1	(US-20020126858-$).did.	US-PGPUB	OR	ON	2006/12/09 19:38
S22	56	IIR and (multiplexer with (shift near2 register))	US-PGPUB	OR	ON	2006/12/09 19:45
S23	5	S22 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:45
S24	76	IIR and (multiplexer same (shift near2 register))	US-PGPUB	OR	ON	2006/12/09 19:45
S25	9	S24 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 19:45
S26	2	(US-20020131487-$ or US-20030083852-$).did.	US-PGPUB	OR	ON	2006/12/09 19:56

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Shen-Fu Hsiao; Yu Hen Hu; Juang, T.-B.; Chung-Han Lee;
Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circu Fundamental Theory and Applications, IEEE Transactions on]
Volume 52, Issue 8, Aug. 2005 Page(s):1568 - 1579
Digital Object Identifier 10.1109/TCSI.2005.851709

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☐ 2. **Genetic algorithm approach for the optimization of multiplierless sub-filt the frequency-response masking technique**
Ya Jun Yu; Yong Ching Lim;
Electronics, Circuits and Systems, 2002. 9th International Conference on
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Digital Object Identifier 10.1109/ICECS.2002.1046459

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☐ 3. **New natural selection process and chromosome encoding for the design lattice QMF using genetic algorithm**
Ya Jun Yu; Yong Ching Lim;
Electronics, Circuits and Systems, 2001. ICECS 2001. The 8th IEEE Internatio on
Volume 3, 2-5 Sept. 2001 Page(s):1273 - 1276 vol.3
Digital Object Identifier 10.1109/ICECS.2001.957447

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☐ 4. **Low-power multiplierless FIR filter synthesizer based on CSD code**
Maw-Ching Liu; Chien-Lung Chen; Ding-Yu Shin; Chin-Hung Lin; Shyh-Jye Joi
Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo
Volume 4, 6-9 May 2001 Page(s):666 - 669 vol. 4
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☐ 1. **Fourth-order structures for multiplierless realizations of bandpass and bε filters transformed from all-pole lowpass filters**
Bhattacharya, M.; Saramaki, T.;
Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on
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☐ 2. **Multiplierless realization of bandpass and bandstop digital filters transfoι pole lowpass filters**
Bhattacharya, M.; Saramaki, T.;
Acoustics, Speech, and Signal Processing, 2005. Proceedings. (ICASSP '05).
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☐ 5. **Some observations on multiplierless implementation of linear phase FIR**
Bhattacharya, M.; Saramaki, T.;

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Volume 4, 25-28 May 2003 Page(s):IV-193 - IV-196 vol.4
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7. **Multiplierless realization of recursive digital filters using allpass structur**
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Volume 1, 26-30 Aug. 2002 Page(s):1 - 4 vol.1
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11. **Multiplierless implementation of bandpass and bandstop IIR digital filter**
Bhattacharya, M.; Saramaki, T.;
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12. **Multiplierless implementation of recursive digital filters using a class of l
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Bhattacharya, M.; Astola, J.; Saramaki, T.;
<u>Signal Processing and its Applications, Sixth International, Symposium on. 200</u>
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13. **Multiplierless implementation of recursive digital filters based on coeffici methods in low sensitivity structures**
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<u>Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo</u>
Volume 2, 6-9 May 2001 Page(s):697 - 700 vol. 2
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Ivanova, K.S.; Anzova, V.I.; Stoyanov, G.K.;
Telecommunications in Modern Satellite, Cable and Broadcasting Services, 20
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Yli-Kaakinen, J.; Saramaki, T.;
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▦   4. **Factorization of a class of perfect reconstruction modified DFT filter banl**
Yin, S.S.; Chan, S.C.;
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▦   5. **Multiplierless realization of bandpass and bandstop digital filters transfoi pole lowpass filters**

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8. **Multiplierless realization of recursive digital filters using allpass structure**
Saramaki, T.; Bhattacharya, M.;
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).
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9. **Allpass structures for multiplierless realization of recursive digital filters**
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10. **Multiplierless predictor for DPCM of images**
Thamvichai, R.; Bose, T.; Radenkovic, M.;
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20. **Novel recursive-DCT implementations: a comparative study**
Demirsoy, S.S.; Beck, R.; Kale, I.; Dempster, A.G.;
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Oh, H.J.; Lee, Y.H.;
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